

LRS Project Update Information Systems Commission Meeting of November 2, 2015

Michael Sylvester

Assistant Director
Bureau of Contract & Technical Services
County of Los Angeles
Department of Public Social Services



Agenda

- LRS Project Status
- Pilot Results To Date
- LRS in 2016: The Rollout
- LRS Functional Overview and Sample Screenshots
- LRS Technical Features



LRS Status & Progress

May 2013 Requirement s Validation March 2014 System Design March 2015 Build & Unit Test August 2015 User Acceptance Test

Late Sept. 2015 Pilot Go-Live

October 2016 Countywide Rollout

- May 2013: requirements validation with all project stakeholders was completed.
- March 2014: general, technical, and functional design of the LRS was completed.
- March 2015: build and unit test of all LRS components were completed.
- August 2015: User Acceptance Test was completed.
- September 2015: LRS went live at pilot sites.

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Pilot Sites

Public-Facing Offices

- Rancho Park (315 Trained)
- South Central (188 Trained)
- Greater Avenues for Independence (GAIN) Regions I and IV (145 Trained)
- Customer Service Centers I, II, and III (279 Trained)

Administrative Offices

- Over 300 trained
- Appeals and State Hearings
- Welfare Fraud Prevention and Investigations
- Management Information Evaluation Section
- Line Operations Division
- Bureau of Policy and Program
- Fiscal Operations Division

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Pilot Cutover Metrics

- LRS Went Live at 8:00am on Tuesday, September 29th
 - Converted 624 Million Records
 - 558,260 Persons
 - 529,101 Cases
 - 167,529 Active
 - 20,302 Pending
 - 341,270 Inactive
 - 228,495 Active Programs
 - 15,185 CalWORKs
 - 10,826 General Relief
 - 56,632 CalFresh
 - 131,436 Medi-Cal
 - 14,416 Other (GAIN, GROW, etc.)
 - 9.5 Million Client Correspondence PDFs



LRS – The First Four Weeks

- LRS is currently used handle approximately 8% of the County's caseload.
- In the first four weeks since going live, LRS has:
 - Received over 8,000 applications (1,800 through electronic channels)
 - Issued over \$23 million in benefits
 - Processed over 8 million online transactions
 - Recorded 99.2% uptime

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Pilot Effectiveness

- *The majority of users reported that the WBT modules, job aids, and desk guides were effective in preparing them for their job roles in the new environment. Additional feedback included:
 - Intuitive and modern web-based user interface
 - > Ease of use
 - Clean design and layout of LRS.
- Minimal customer impact
 - Clients in lobbies are processed as quickly as prior to the pilot
 - ■Quick issuance EBT
 - Model Office Implementation
 - POS Scanning
 - ■Self Service Stations
 - Lobby support staffing helped guide customers to the right area

Control ELES TORM

Challenges & Lessons Learned

- Manage Personnel functions for user roles and security rights proved to be very complex. Rather than attempt to convert security data from LEADER, the Project will work directly with the District staff to document and input staff information, including roles and security rights.
- *Benefit Match processing will have the opportunity to improve processes, alignment capacity and provide more resources to meet the demand.
- The LRS Project will work closely to improve converted linked cases to align with LRS units in district offices
- Pilot training included Process Training followed by a separate Web-Based Training for system functionality. For the rollout, this will be modified to provide a more integrated training experience and combine the Process training with the WBT delivery.
- *During the rollout, district offices will retain additional LEADER workstations to facilitate the resolution of benefit mismatches.



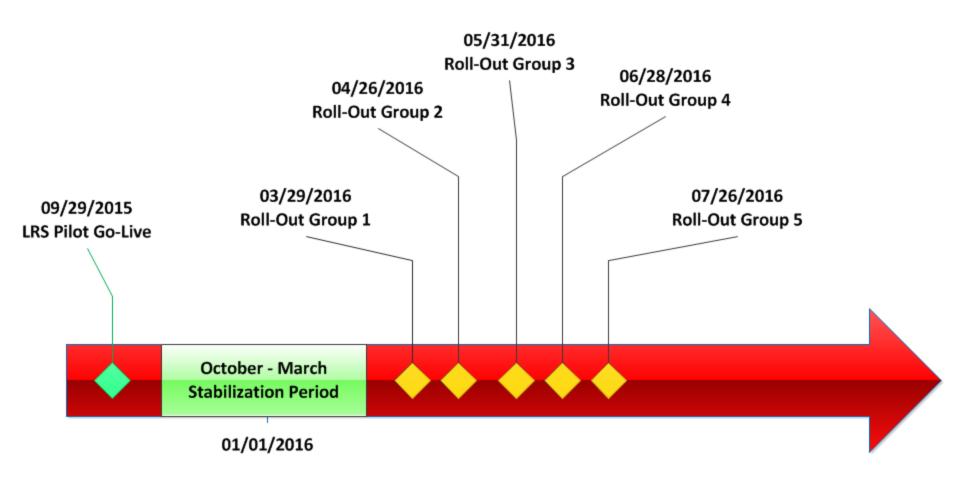
LRS – The Next One Year

- Convert remaining offices in five rollout groups beginning February 2016
- Train and on-board the remaining 11,000+ workers per rollout schedule
- After County-wide go-live in August 2016, LRS will be used by 14,000 users to serve 3.2 million clients, and will issue \$3.5 billion benefits annually.

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Project Phase	Start	End	Status			21			24			30			33			36			39		42		4	5			48
Calendar Month				М	J	J	Α	S	0	F	M	Α	М	J	J	Α	S	0	N	D	J	F	M A	M	J J	Α	S	0	N
General Design (Technical)	5/1/2013	9/27/2013	9/18/2013																										
Build and Unit Test	11/4/2013	3/23/2015	3/30/2015																										
System Test	7/7/2014	5/1/2015	6/1/2015																										
User Acceptance Test	6/1/2015	8/31/2015	9/22/2015																										
Training	8/4/2015	7/29/2016	In-Progress				Train	ing De	evelo	pmen	t											Δ	\triangle	Δ	Δ				
Pilot	9/29/2015	1/29/2016	In-Progress																										
Countywide Implementation	r 3/28/2016	11/6/2016	Not Started																				Δ/	<u>\</u>	\ \	\s			

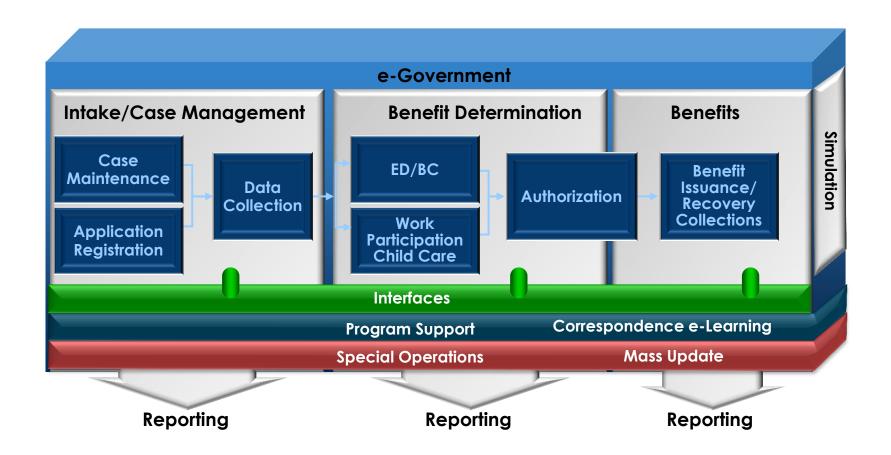


LRS Implementation Timeline



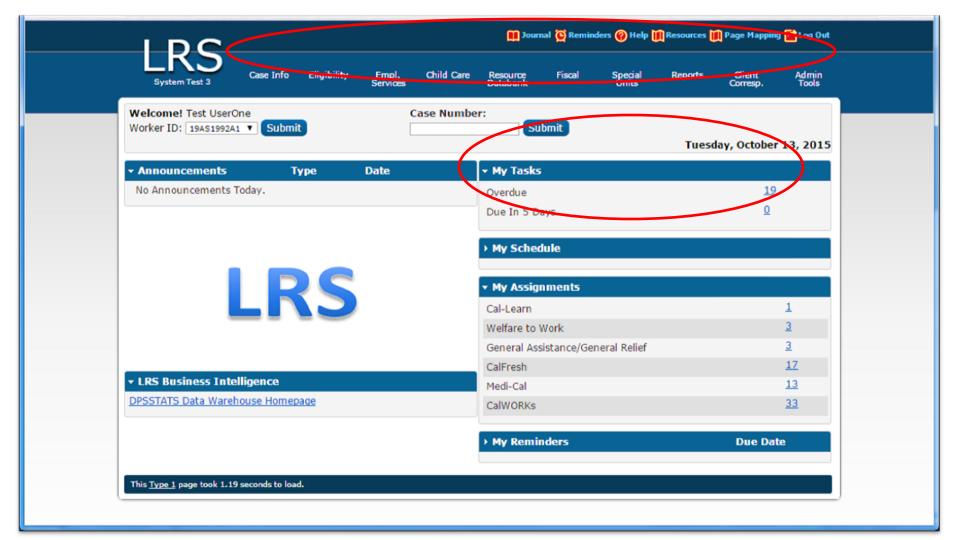


High Level Business Concept



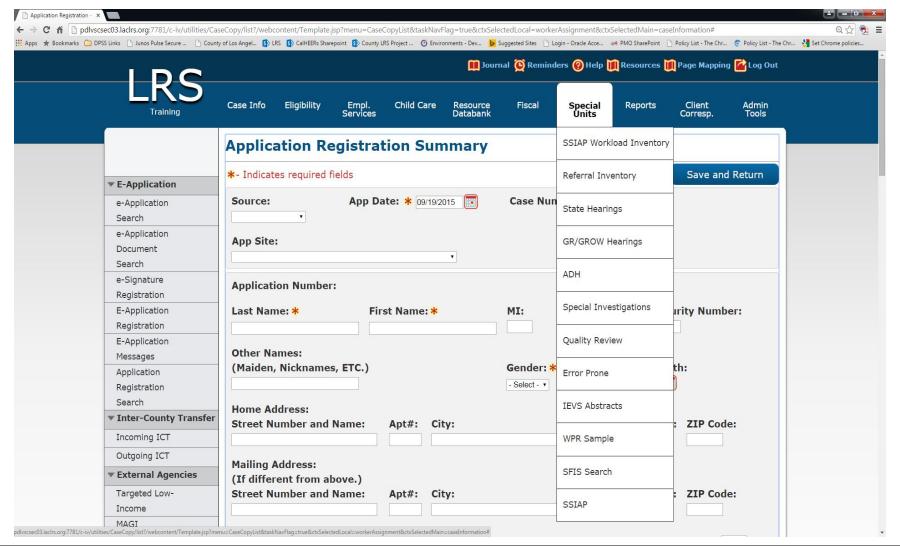


LRS Welcome Screen



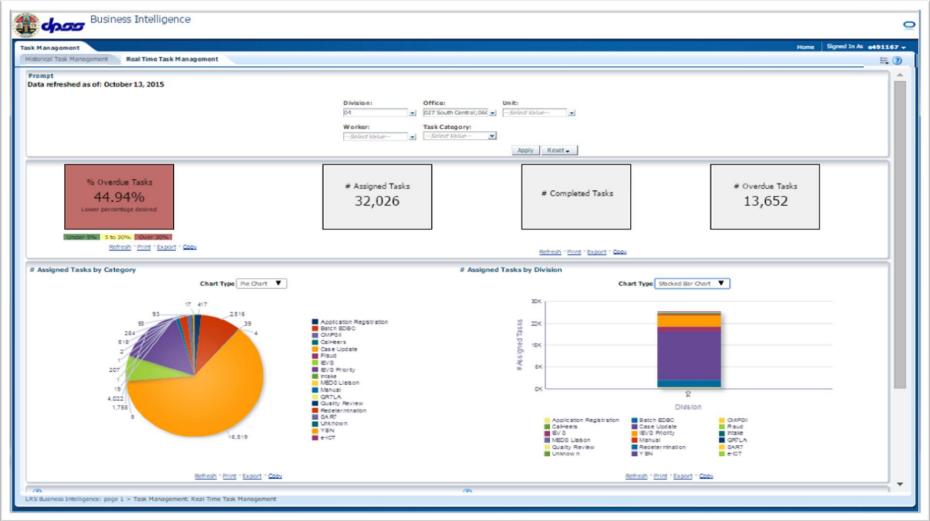


Navigating in LRS



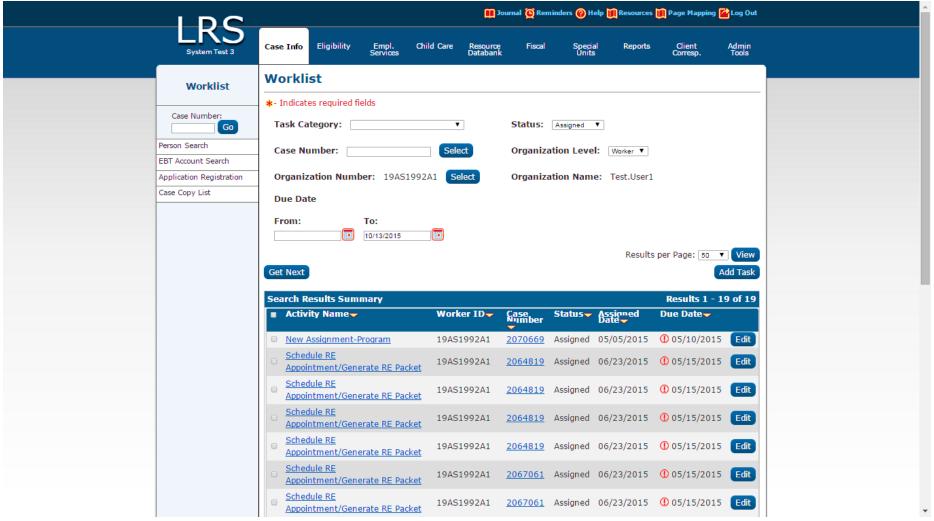
LRS Real-time Task Management Dashboard







Task Management Screen



LRS Features

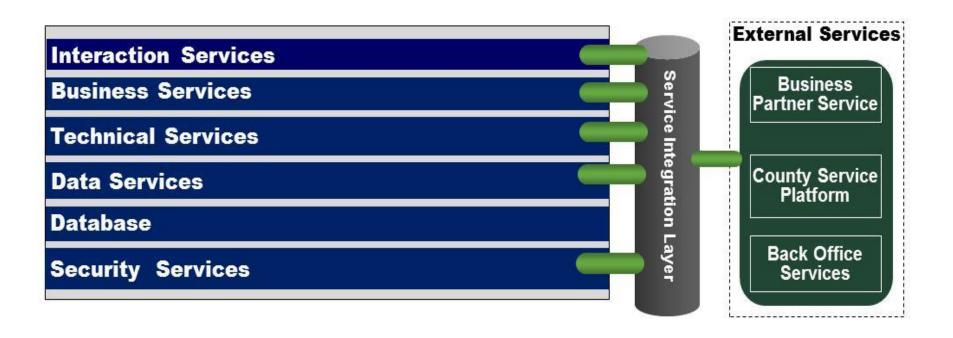


- Leverages modern Service Oriented Architecture (SOA) platform technologies, consistent with architectural standards and direction of State and Federal oversight agencies
- Integration of Business Process Management (BPM) tools to streamline the deployment and maintenance of the Department's reengineered workflows/business processes
- Integration of a business rules engine to automate the policies for eligibility determination and benefit calculation for CalWORKS, CalFresh, MediCal, General Relief, Refugee Cash Assistance, Cash Assistance Program for Immigrants, Foster Care, KinGap and Adoption Assistance
- Enhanced business intelligence and data warehouse capabilities to provide near real-time information surrounding key metrics and performance indicators
- Replaces 17 legacy systems/applications (DPSS & DCFS systems)

Design Considerations: Architecture Reference Model



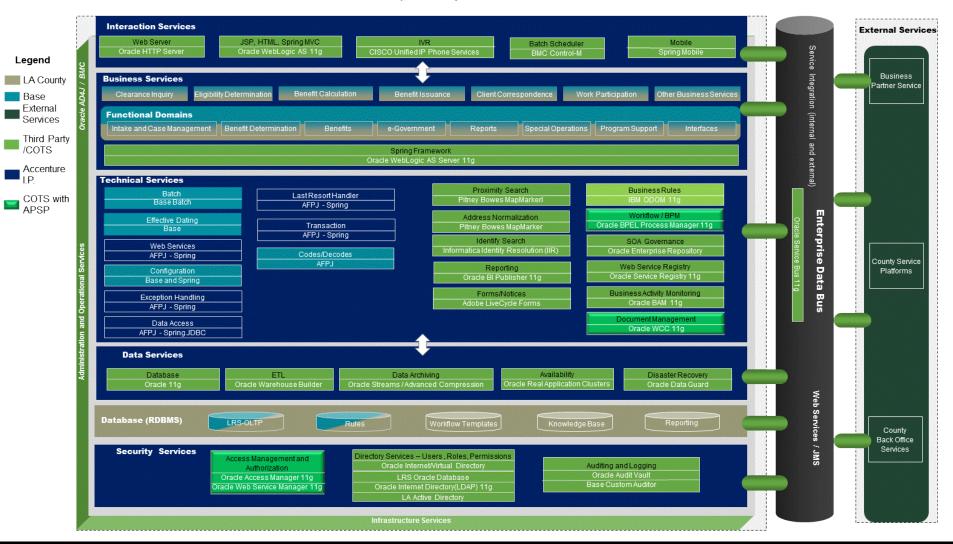
Execution Architecture



LRS Technical Solution



LEADER Replacement System







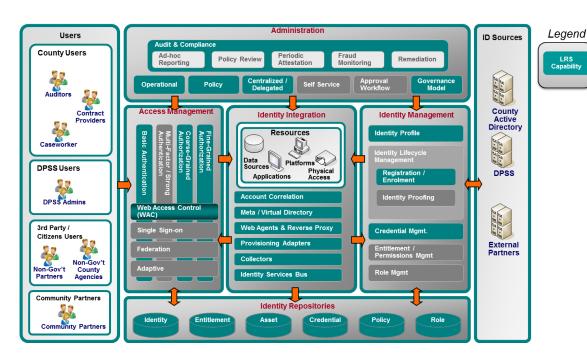
Definitions	Timeframe
Peak	M-F 9am – 4pm
Prime	M-Su 6am – 9pm
Off-Prime	M-Su 9:01pm – 5:59am

Performance Requirement	Usage Timeframe	% adherence	No. of Seconds adherence
Daily LRS availability for online functions	Peak	98	
Daily LRS availability for online functions	Prime	97	
Monthly LRS availability for online functions	Off-Prime	98	
Monthly LRS availability for online functions - NON-PROD environment(s)	Prime	98	
Daily LRS availability - Training environment(s)	Prime	95	
Daily Screen to Screen Navigation response time	Peak	98	2s
Daily Screen to Screen Navigation response time	Prime	99.9	10s
Daily Screen to Screen Navigation response time	Off-Prime	95	3s
Daily EDBC response time per each four months of EDBC calculation	Peak	95	3s
Daily EDBC response time per each four months of EDBC calculation	Prime	99.9	20s
Daily EDBC response time per each four months of EDBC calculation	Off-Prime	95	5s
Daily Internet response time	Peak	95	3s
Daily Standard Report response time	Peak	95	10s
Daily Batch process Completion by 6 am	All	99	6am
Daily refresh LRS Application SW Webpage response time	All	95	3s
Daily LRS Application SW error notification response time	All	95	3s
Daily Case Index lookup response time	All	95	2s
Daily Unbounded Search response	All	95	6s
Daily Local Print initiation - Font resident	All	95	2s
Daily Local Print initiation - Font download	All	95	7s

Design Considerations: Application Security



The LRS application security architecture includes run-time functionality to enable and restrict access to the LRS application and its resources



Security - Key Product Environment:

- Microsoft Active Directory (County)
- Oracle Access Management platform
- Spring Security Framework

The security services architectural components include:

- access directory services
- access management of various user roles/groups into LRS,
- authorization levels providing the users the ability to access and execute their authorized functions
- audit and logging of application security and transaction history, and
- web services security





LRS leverages virtual machines on Oracle hardware to support virtual development, test, and production environments

- Oracle "Exa" Hardware
- 16 targeted environments
- Environment types and isolation

